

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

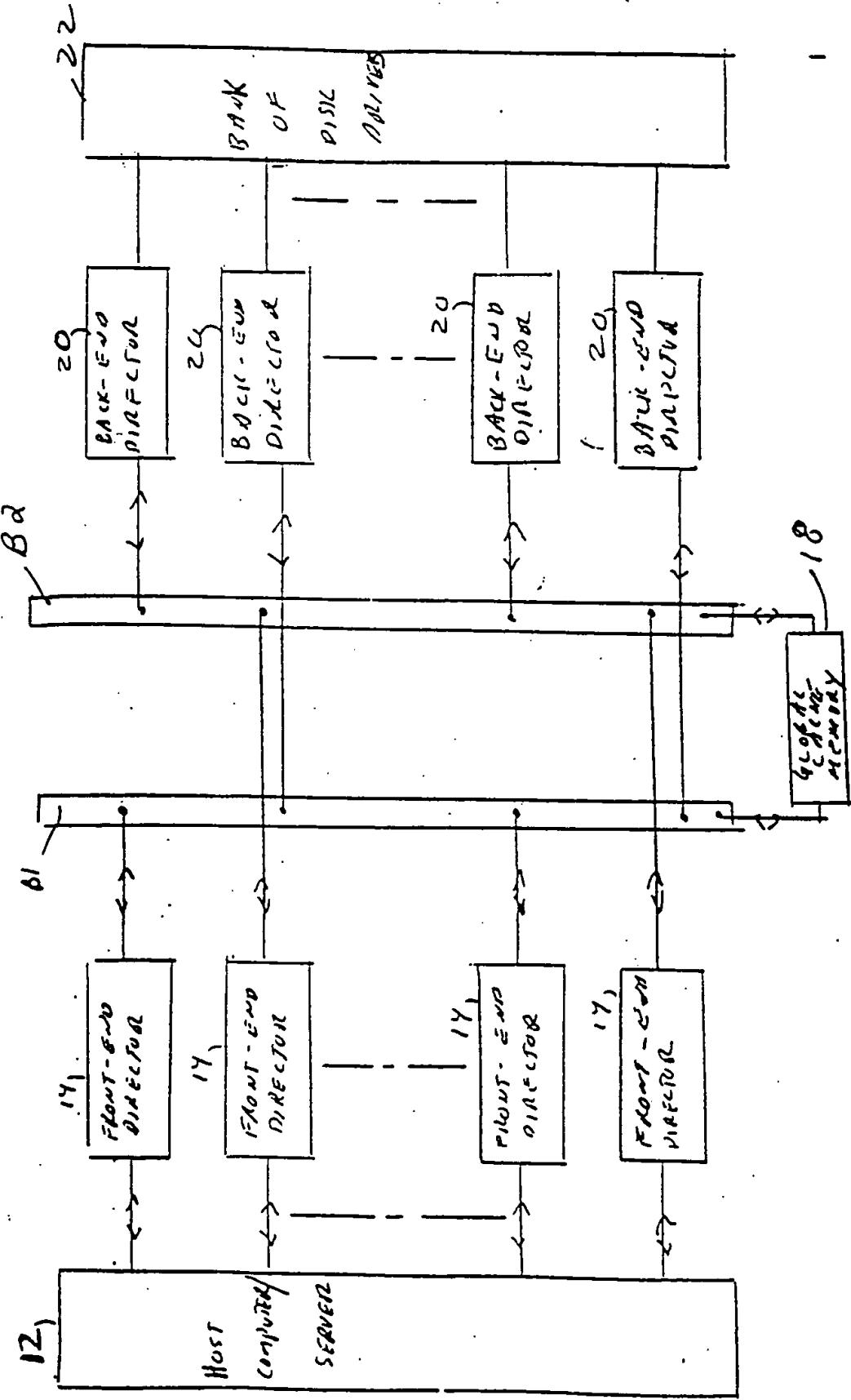
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Fig. 1
DMSA net



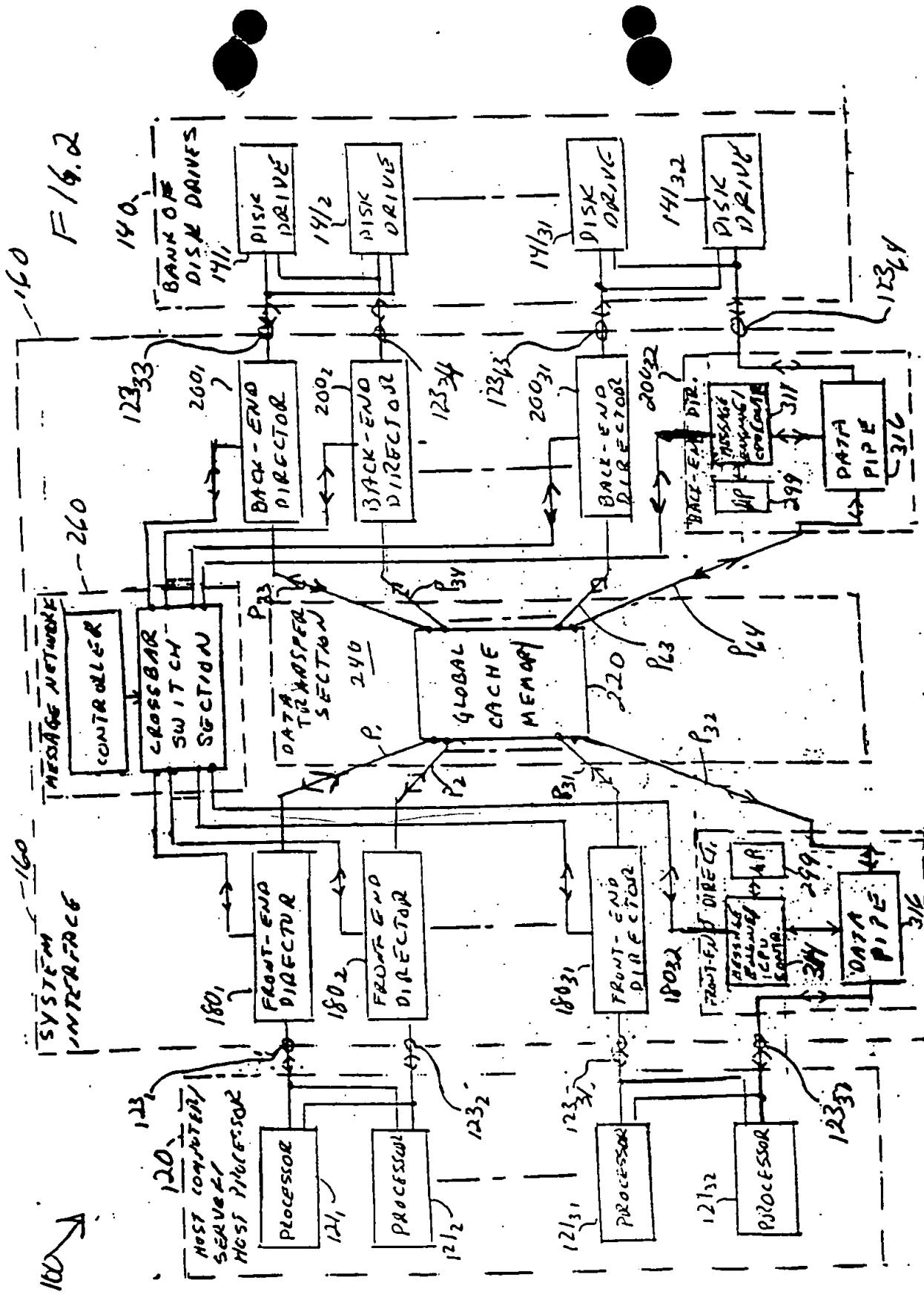


FIG. 3

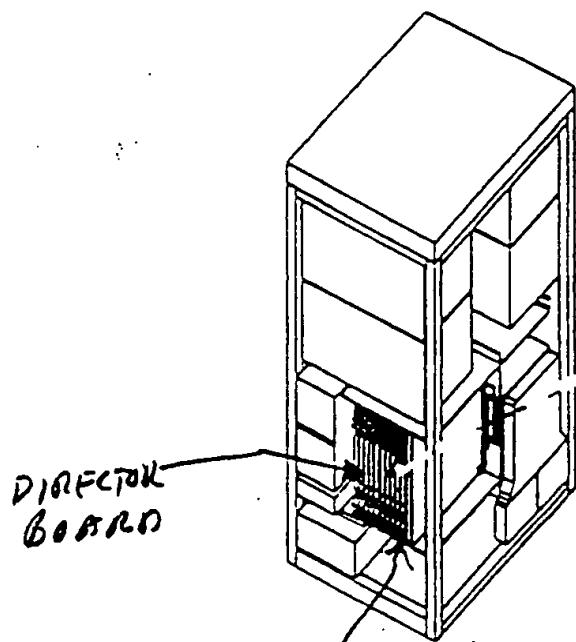
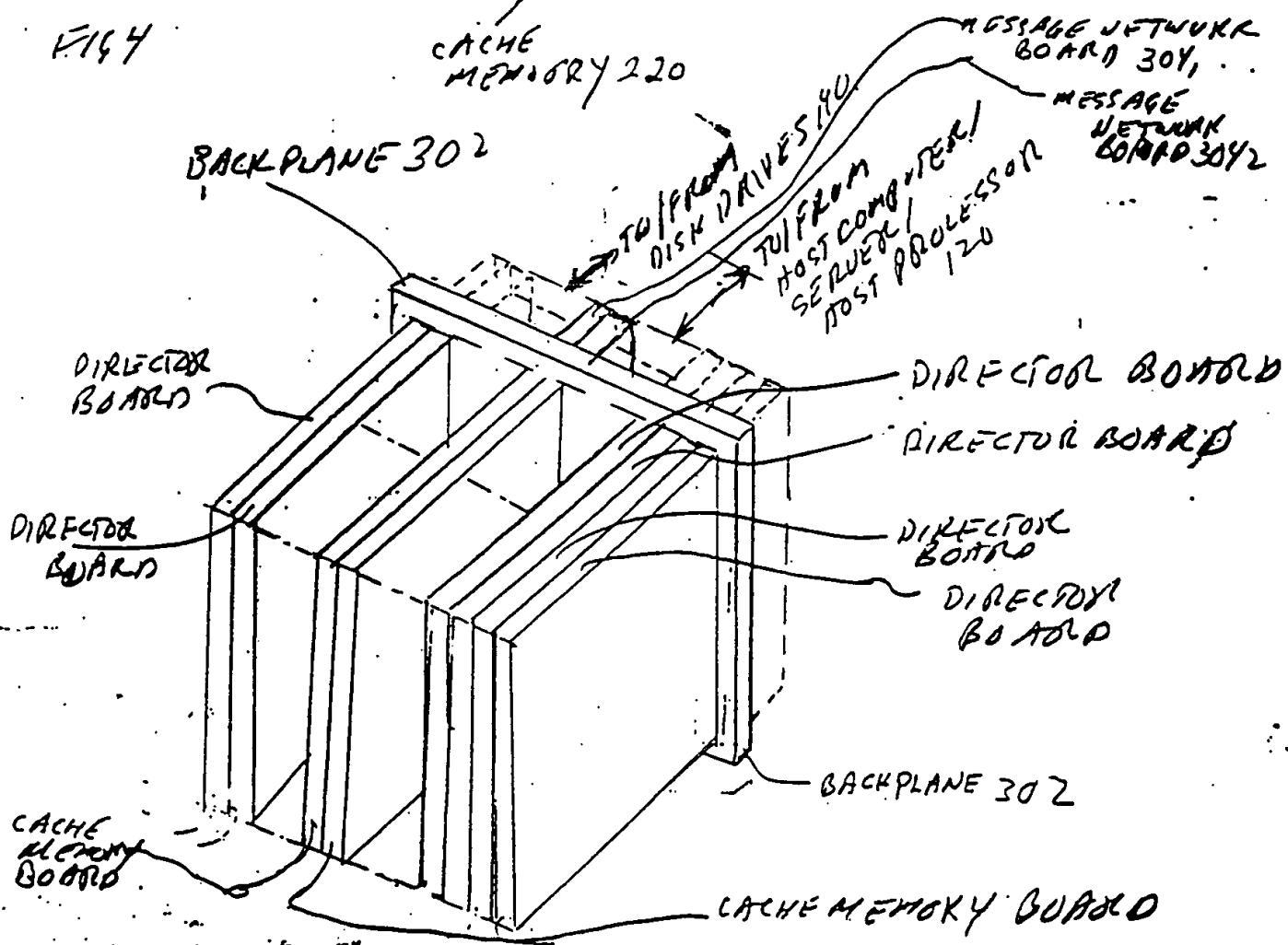
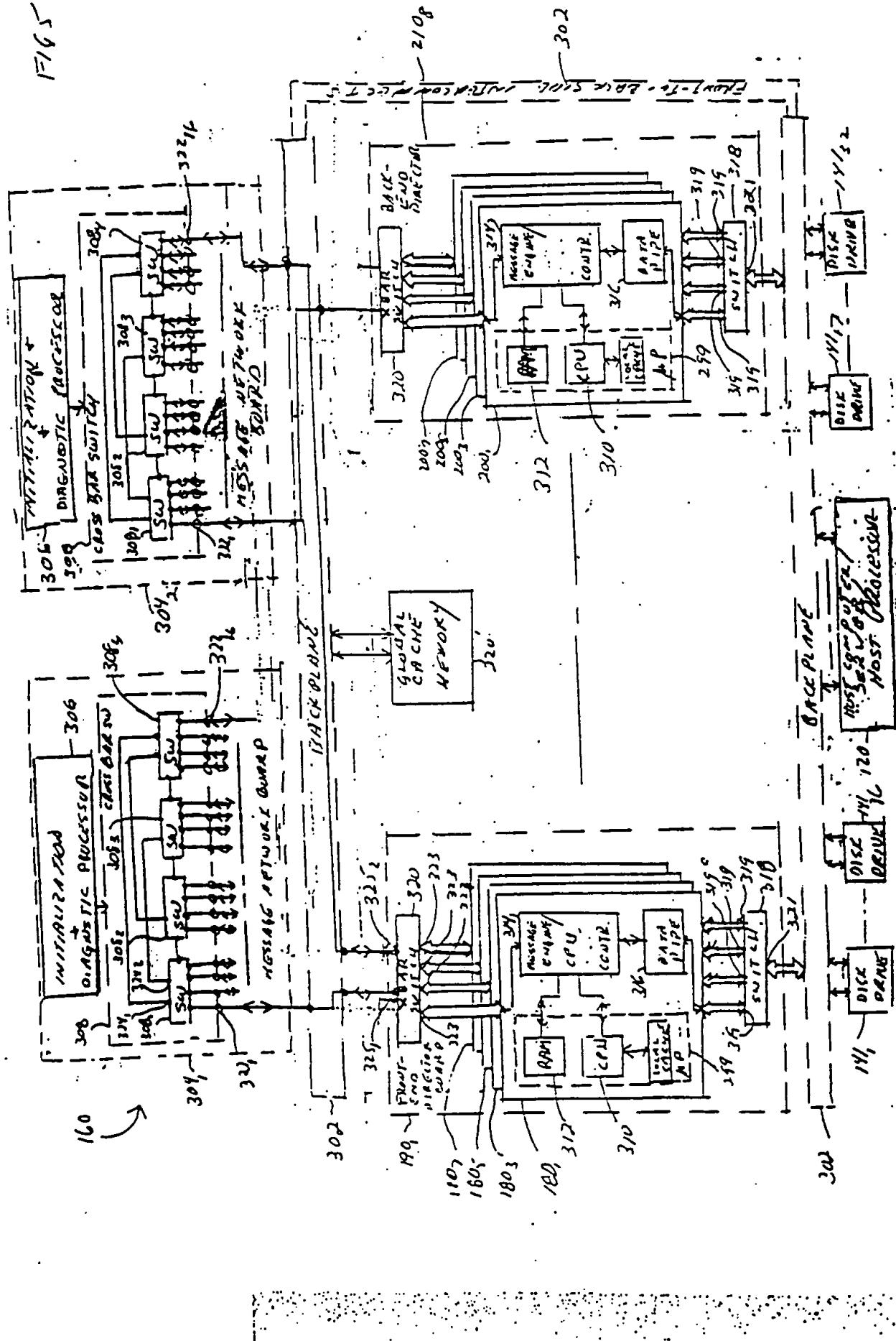
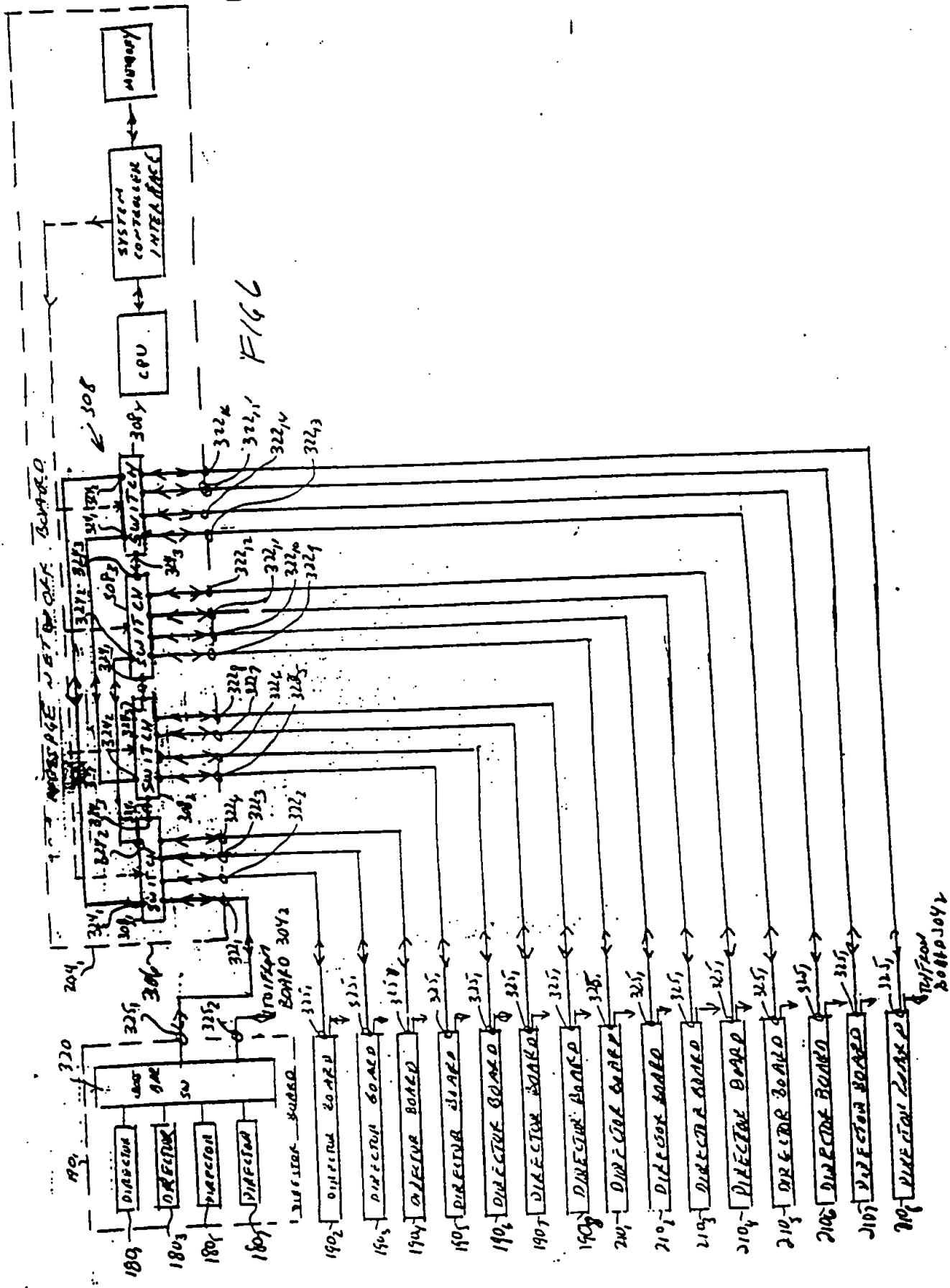


FIG 4





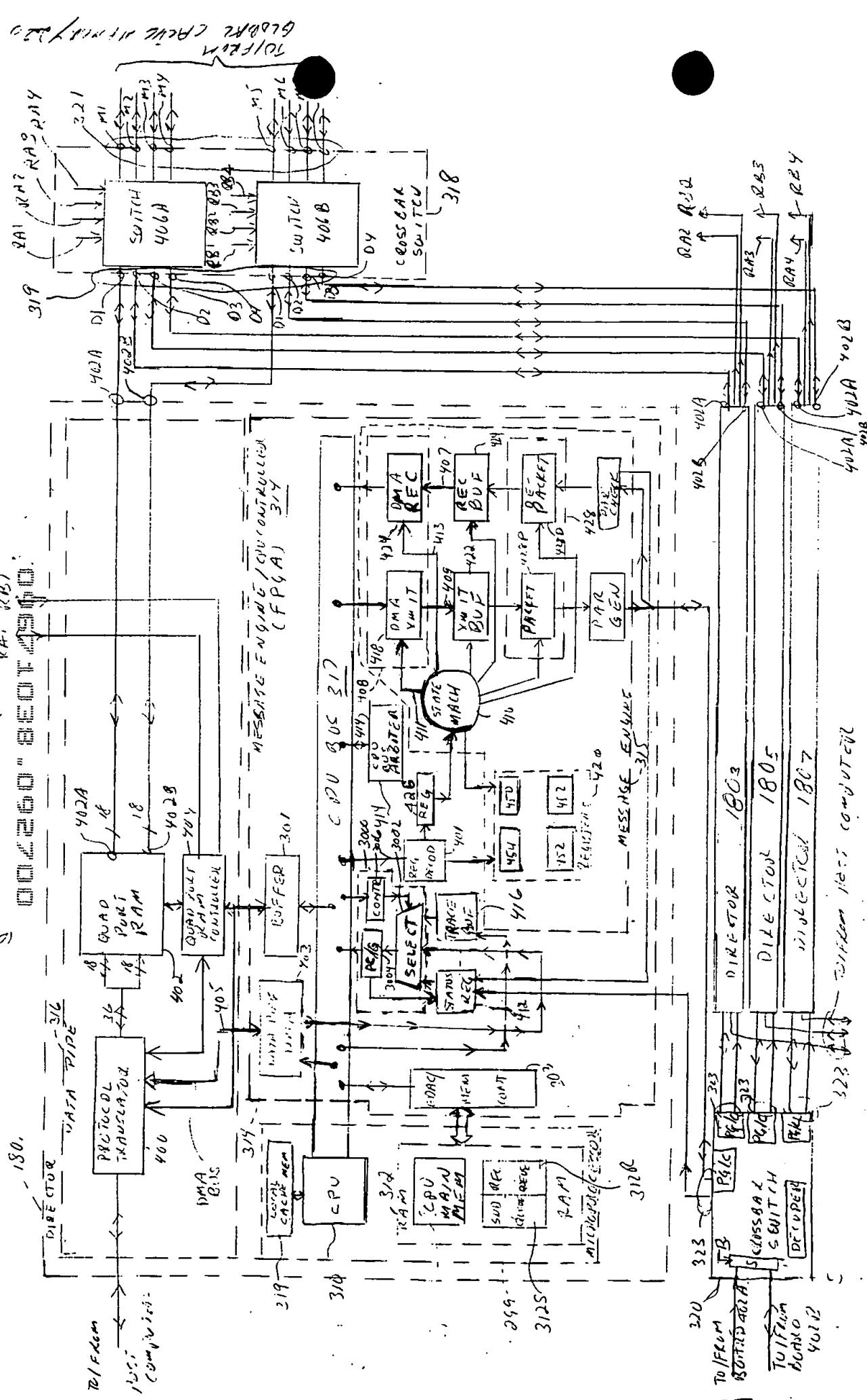


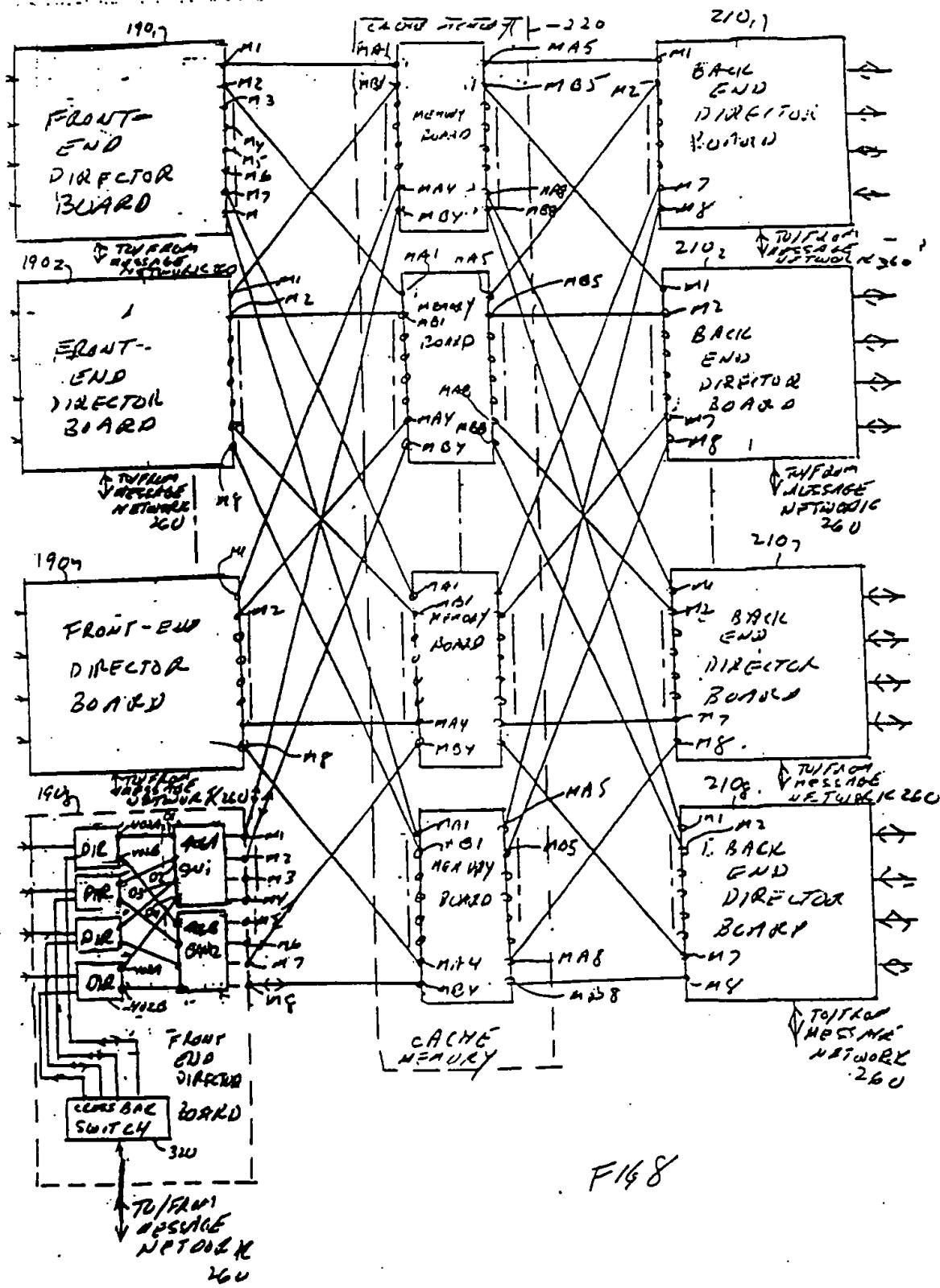
167

D. M. CLOUTIER, C. O. SMITH, AND W. J.

RA 12 B1

180



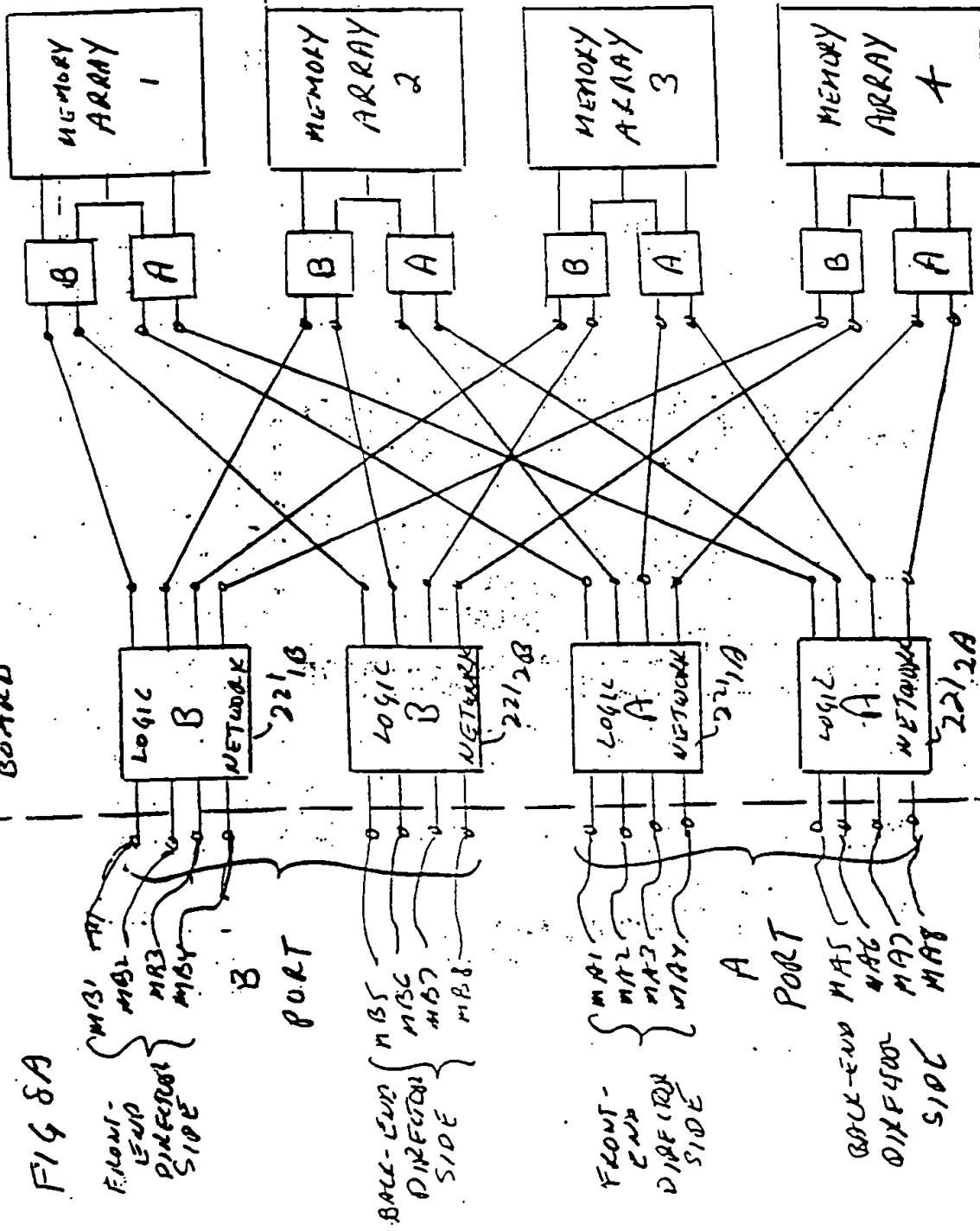


F168

002260-22012950

Memory Board

FIG 8A



002260 " 860F2960

F11 8B

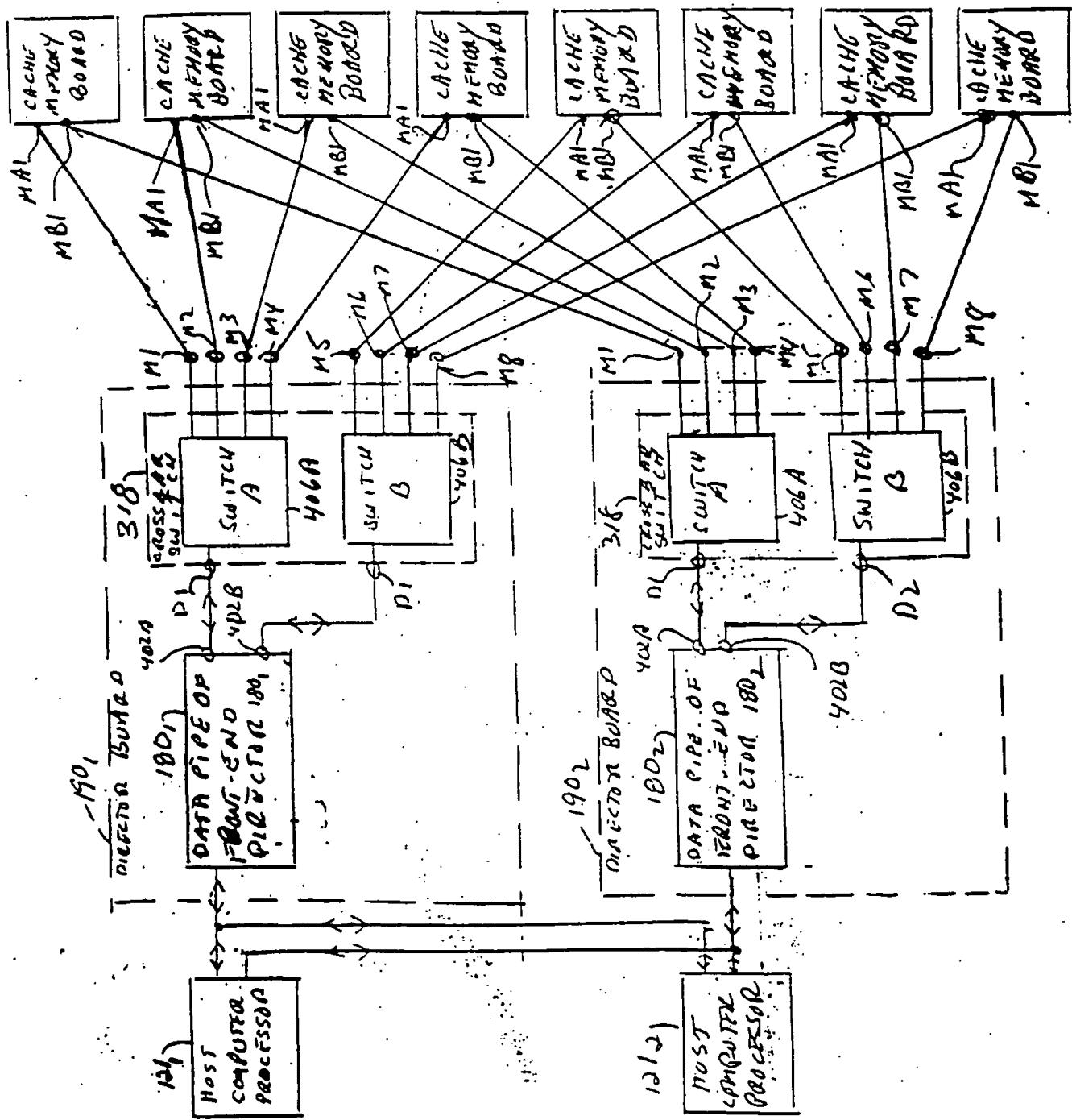
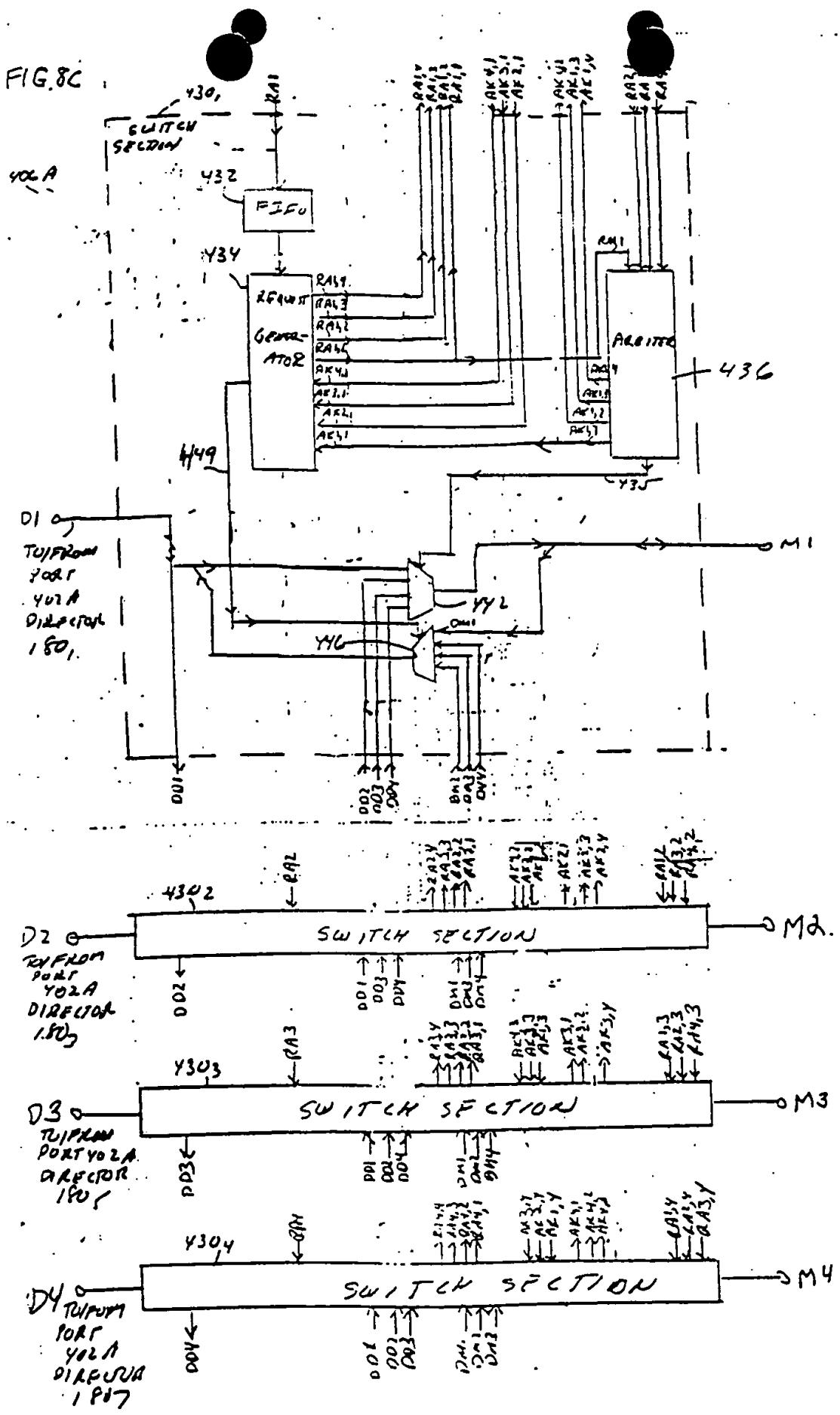


FIG. 8C



CPU BIV5317

FIG 9

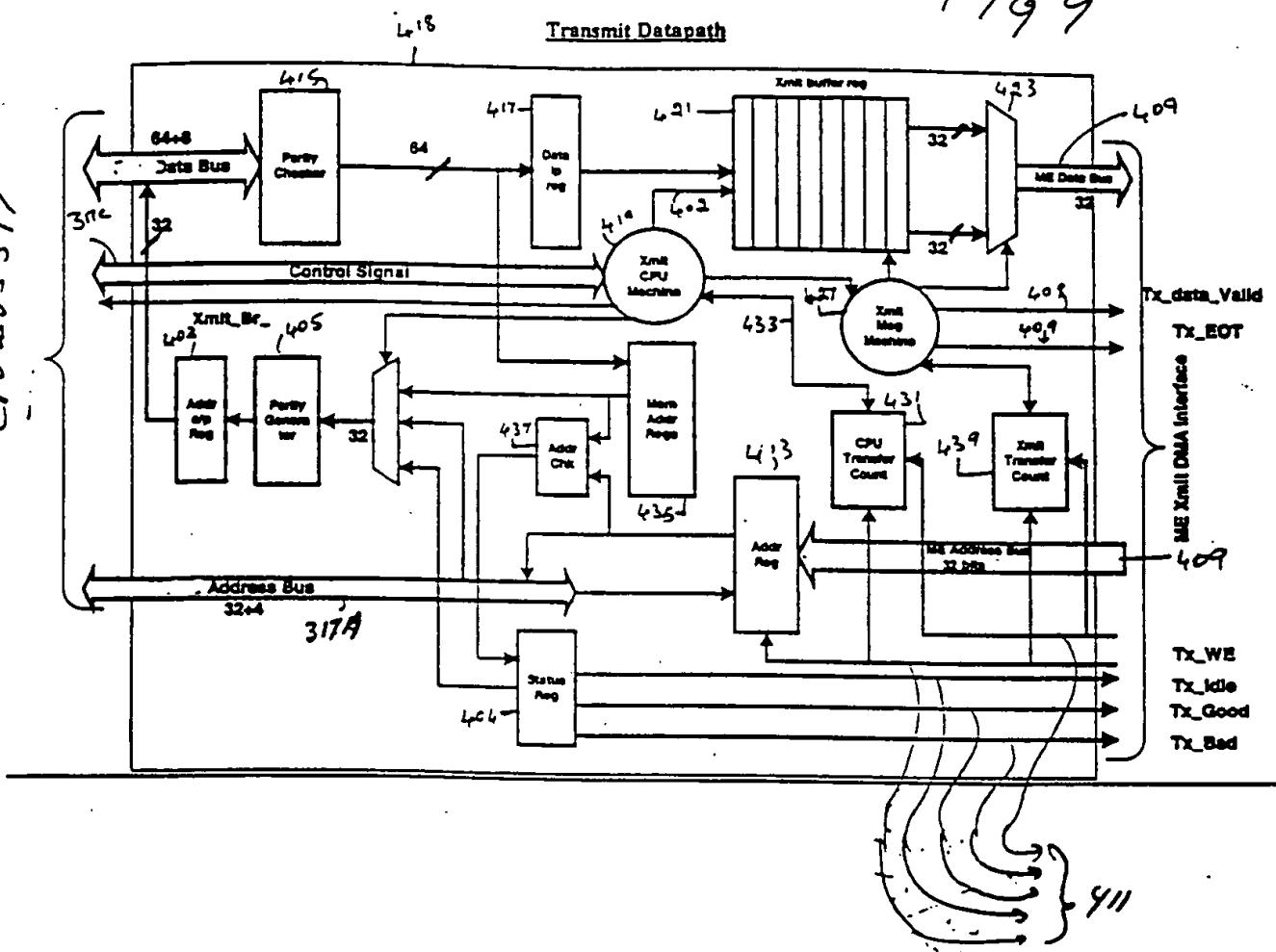
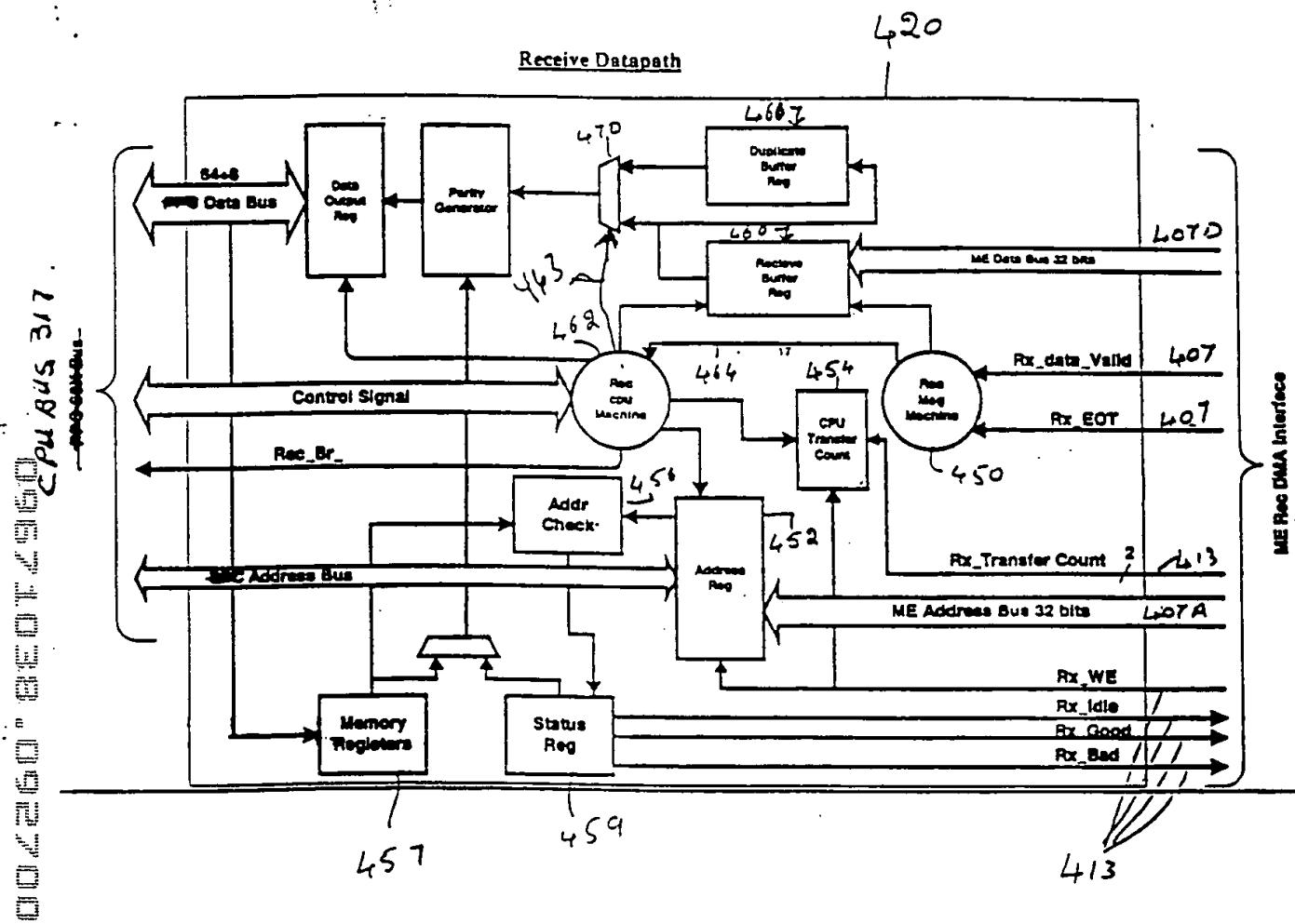


FIG 10



Message Bus Send Operation

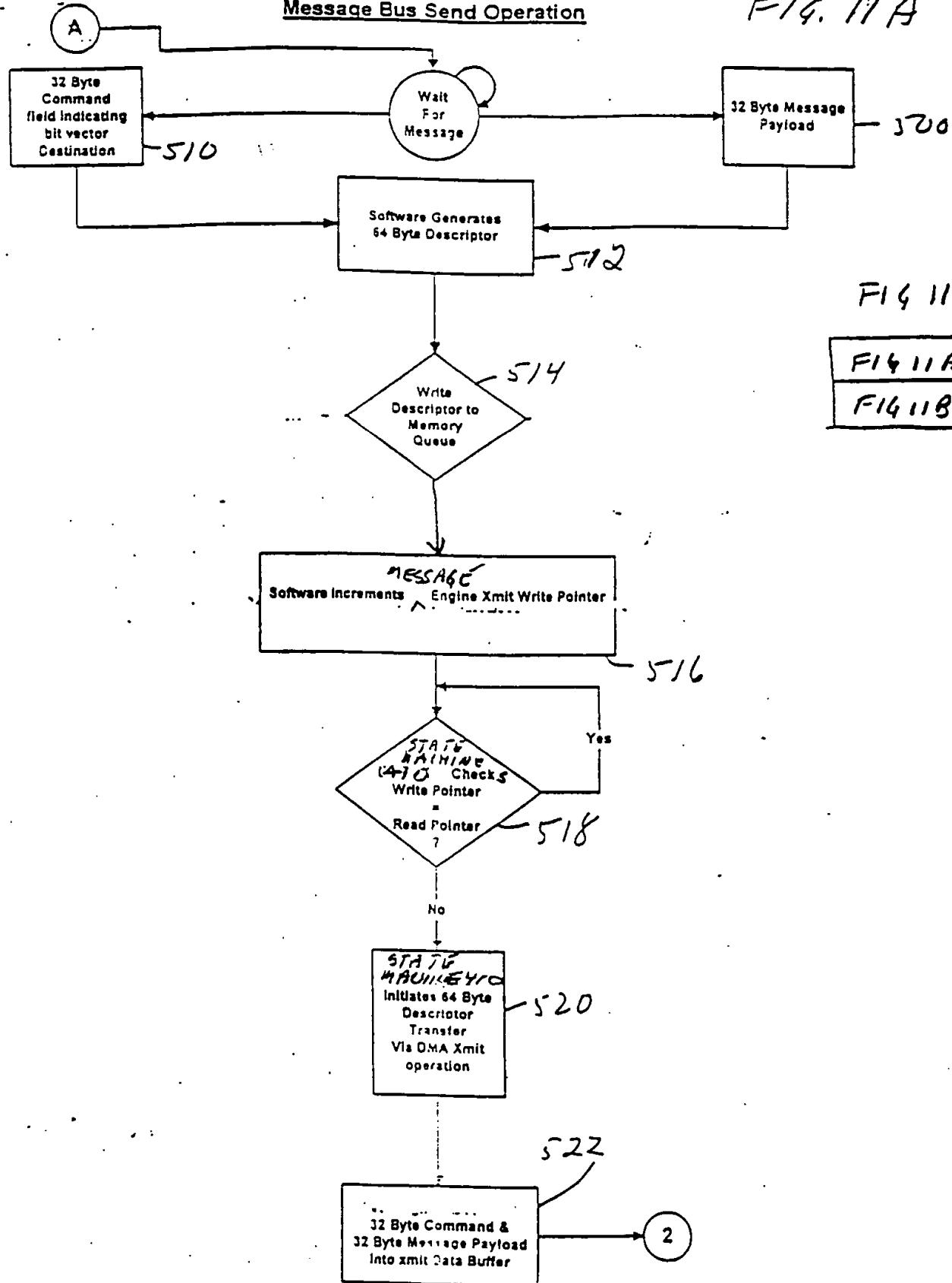


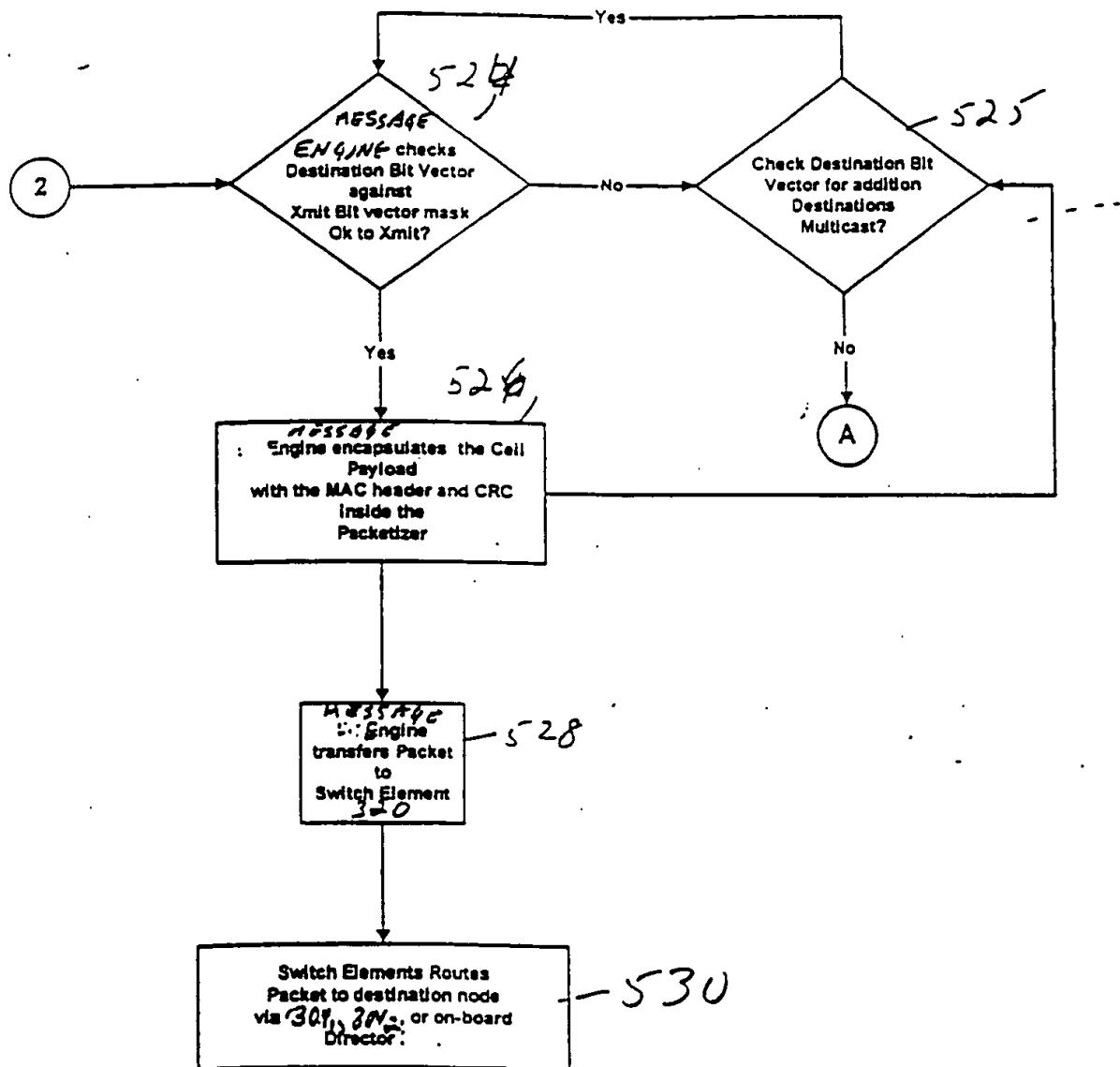
FIG. 11A

FIG 11

FIG 11A
FIG 11B

Message Bus Send Operation Continued

F16 11B



BIT POSITION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG 11C

BIT POSITION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG 11D

BIT POSITION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG 11E

BIT POSITION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG 11F ~~MISS~~
marked

BIT POSITION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG 11G

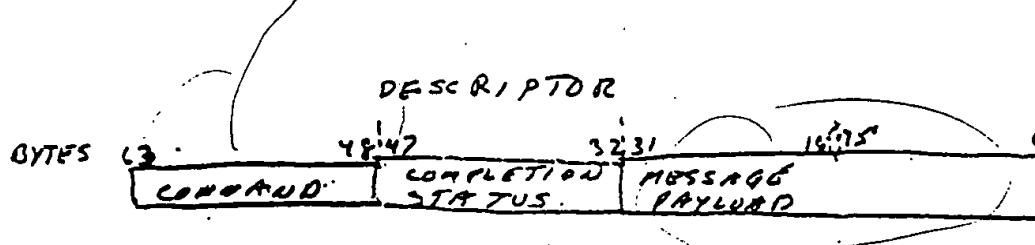


FIG 2A

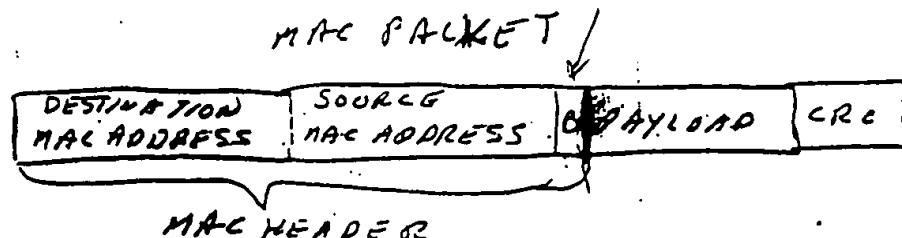


FIG 2B

Message Bus Receive Operation

FIG. 12A

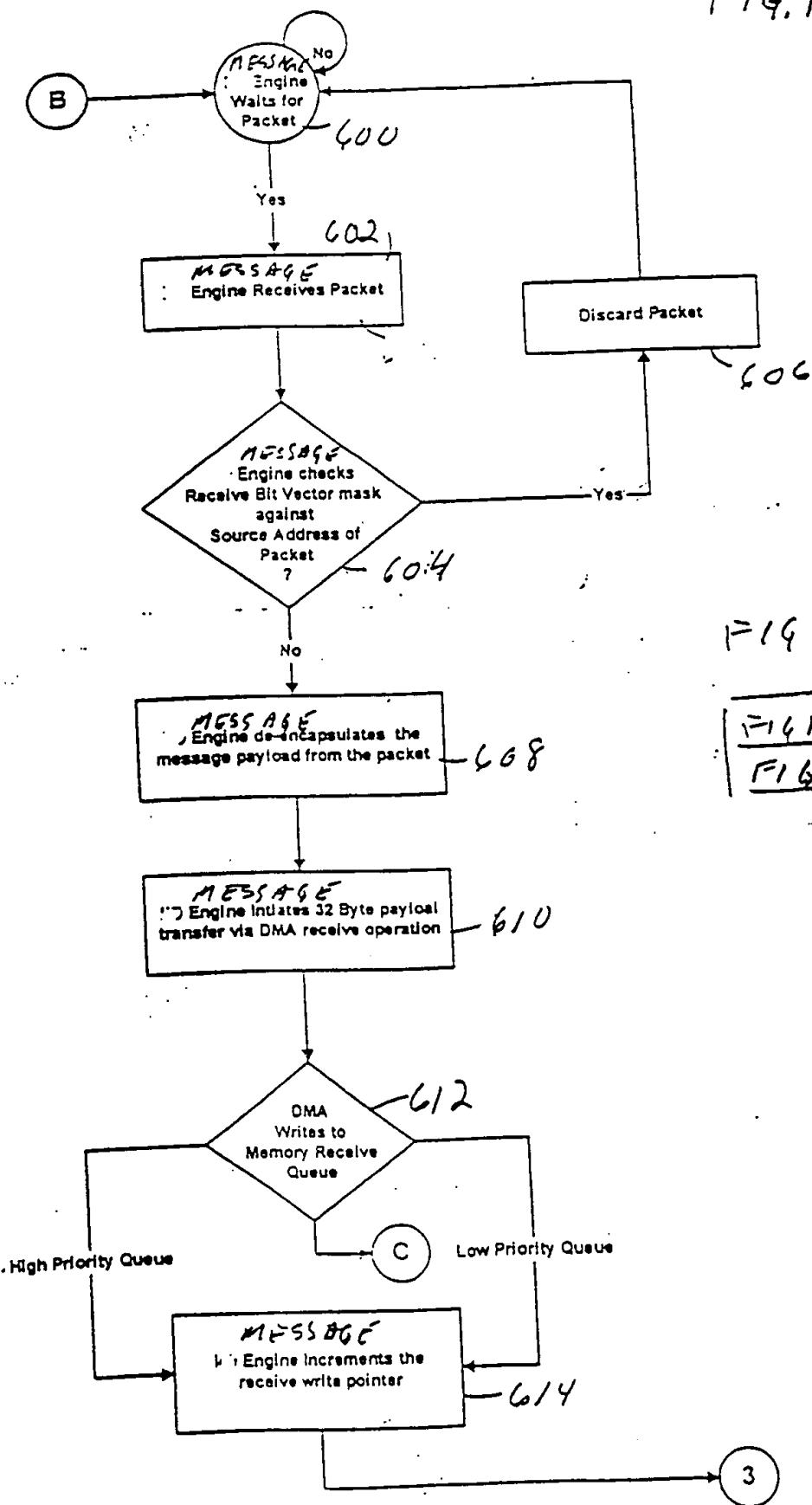


FIG 12

FIG 12A
FIG 12B

Message Bus Receive Operation Continued

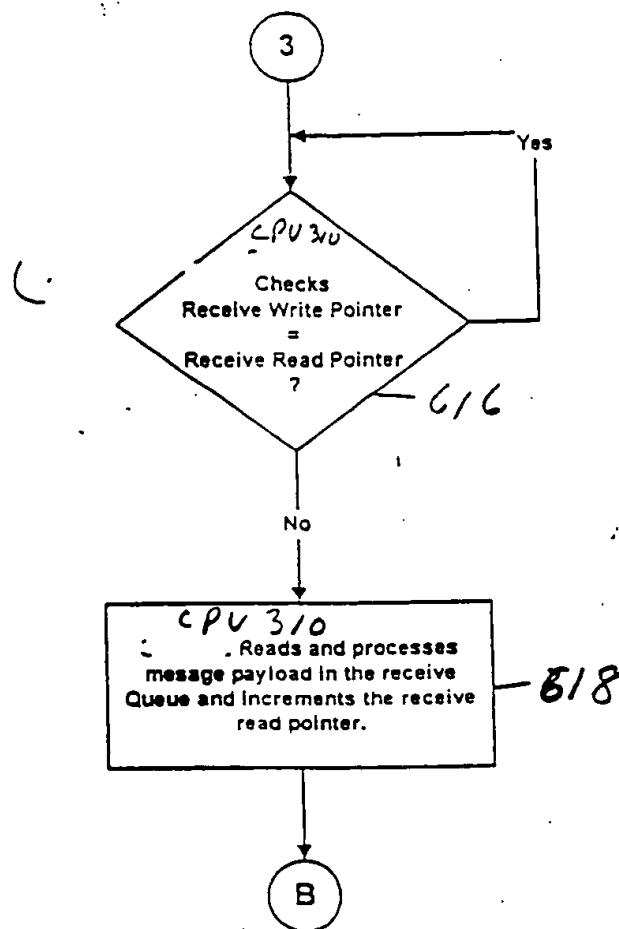


FIG 12B

Message Bus Acknowledgement Operation

FIG. 13

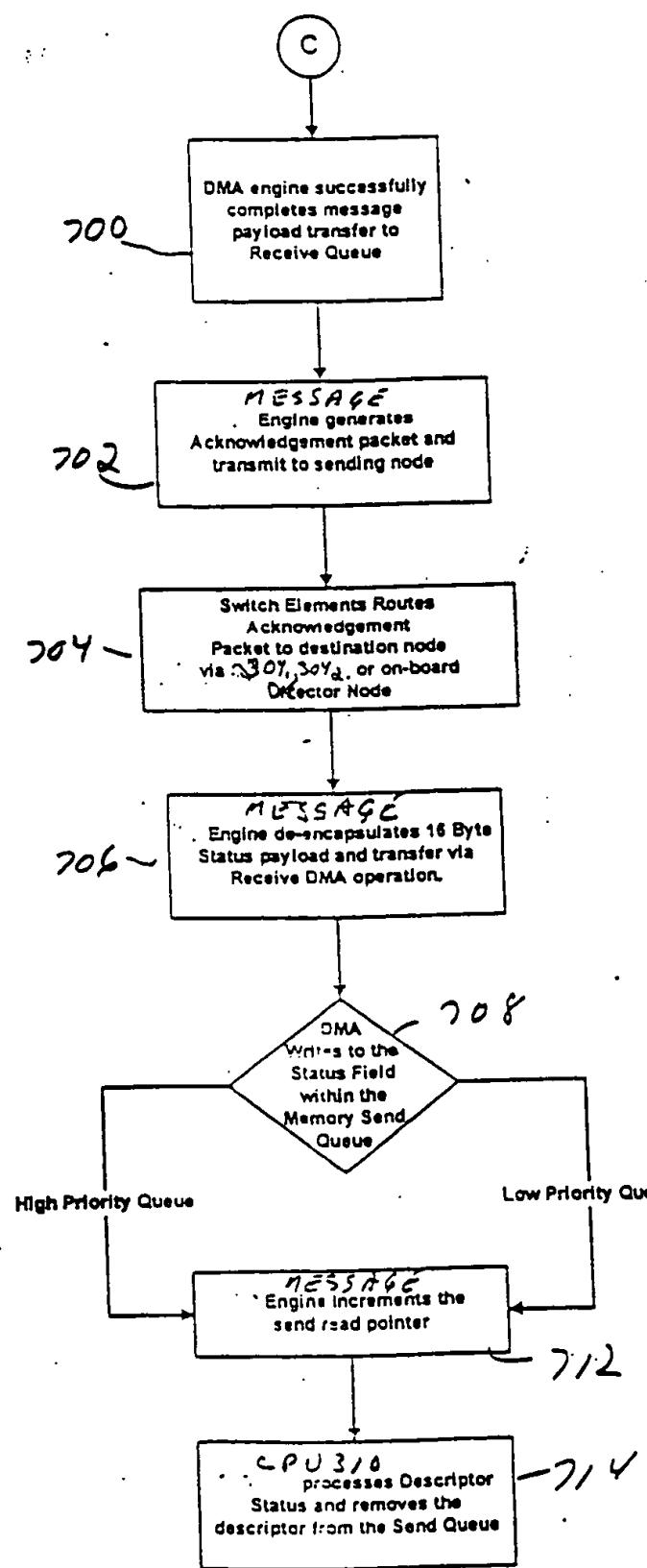


FIG 1A

Xmit CPU flow

0002000000000000 - 00027000

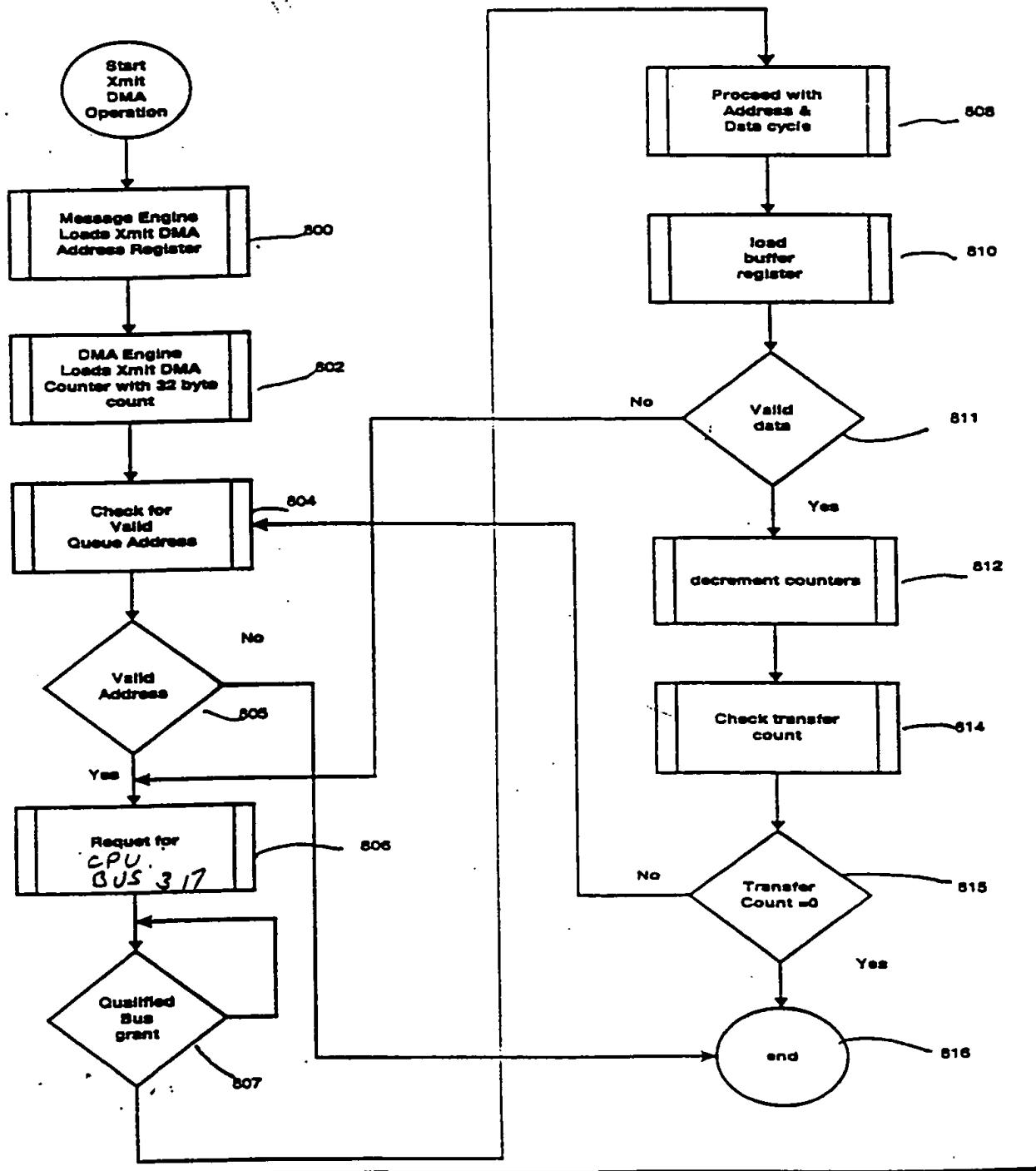
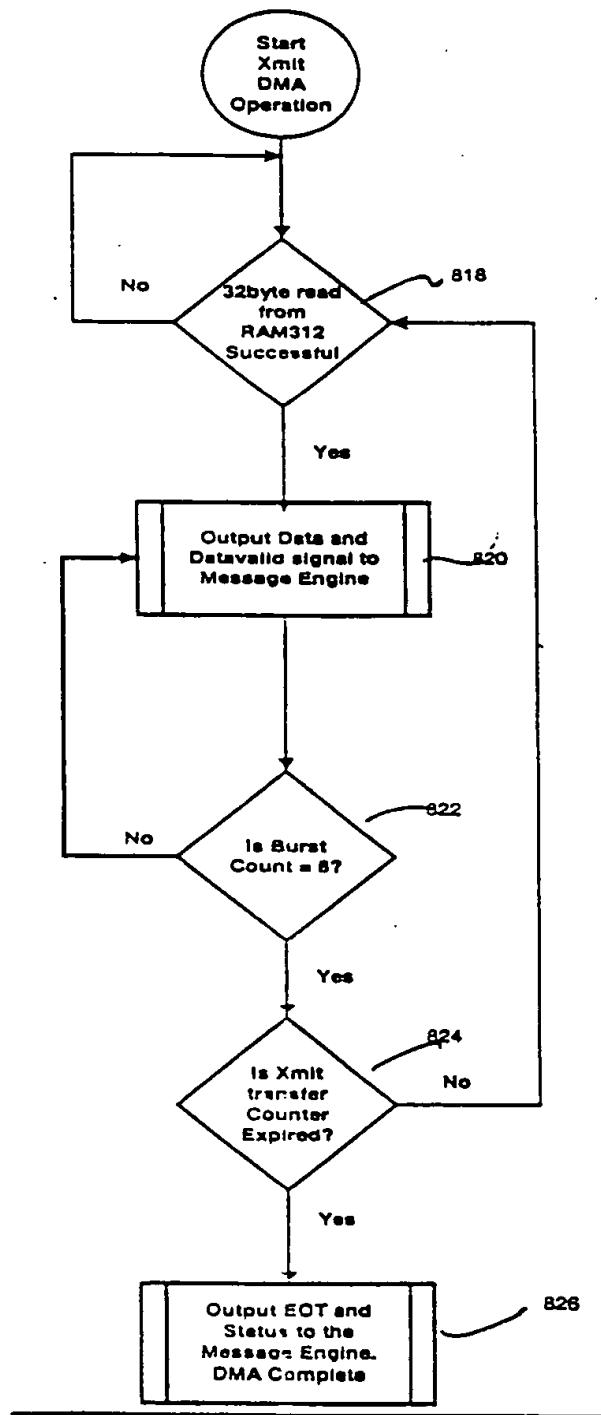


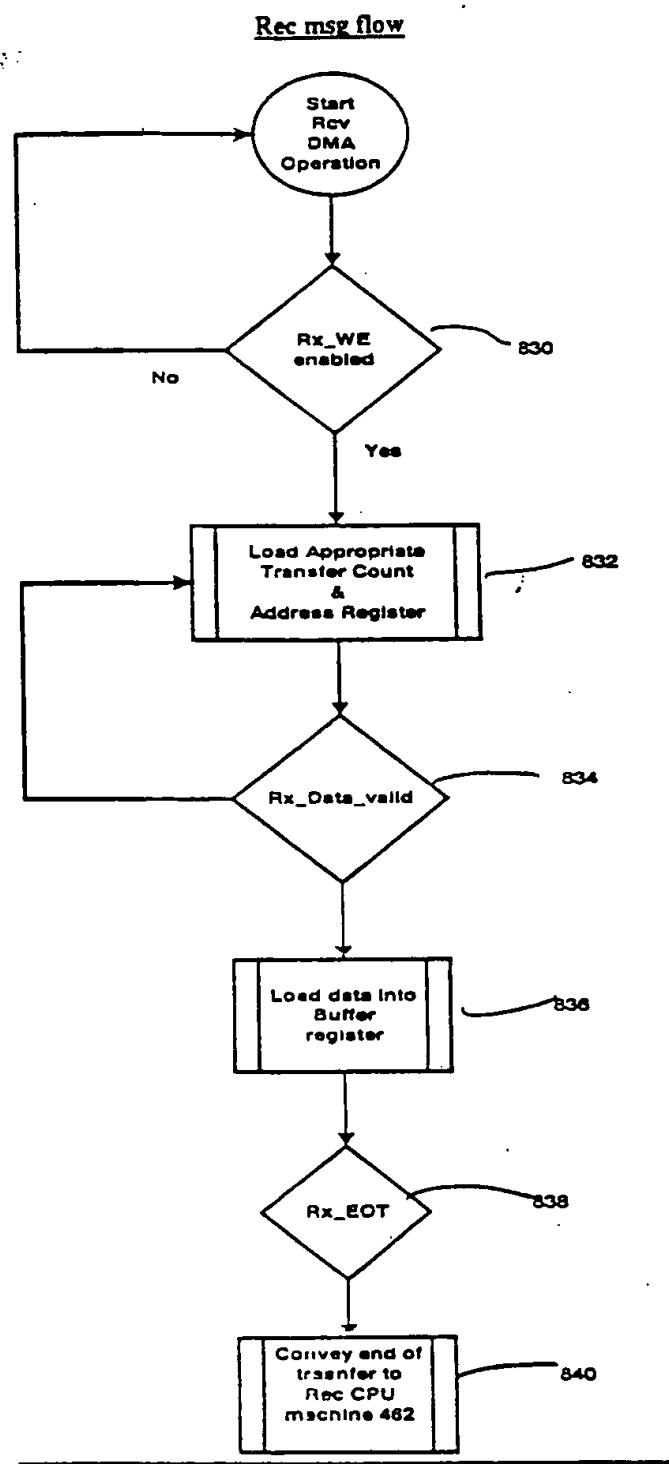
FIG14B

Xmit Msg flow



002260-001022-000000

FIG 15A



P16158

Rec cpu flow

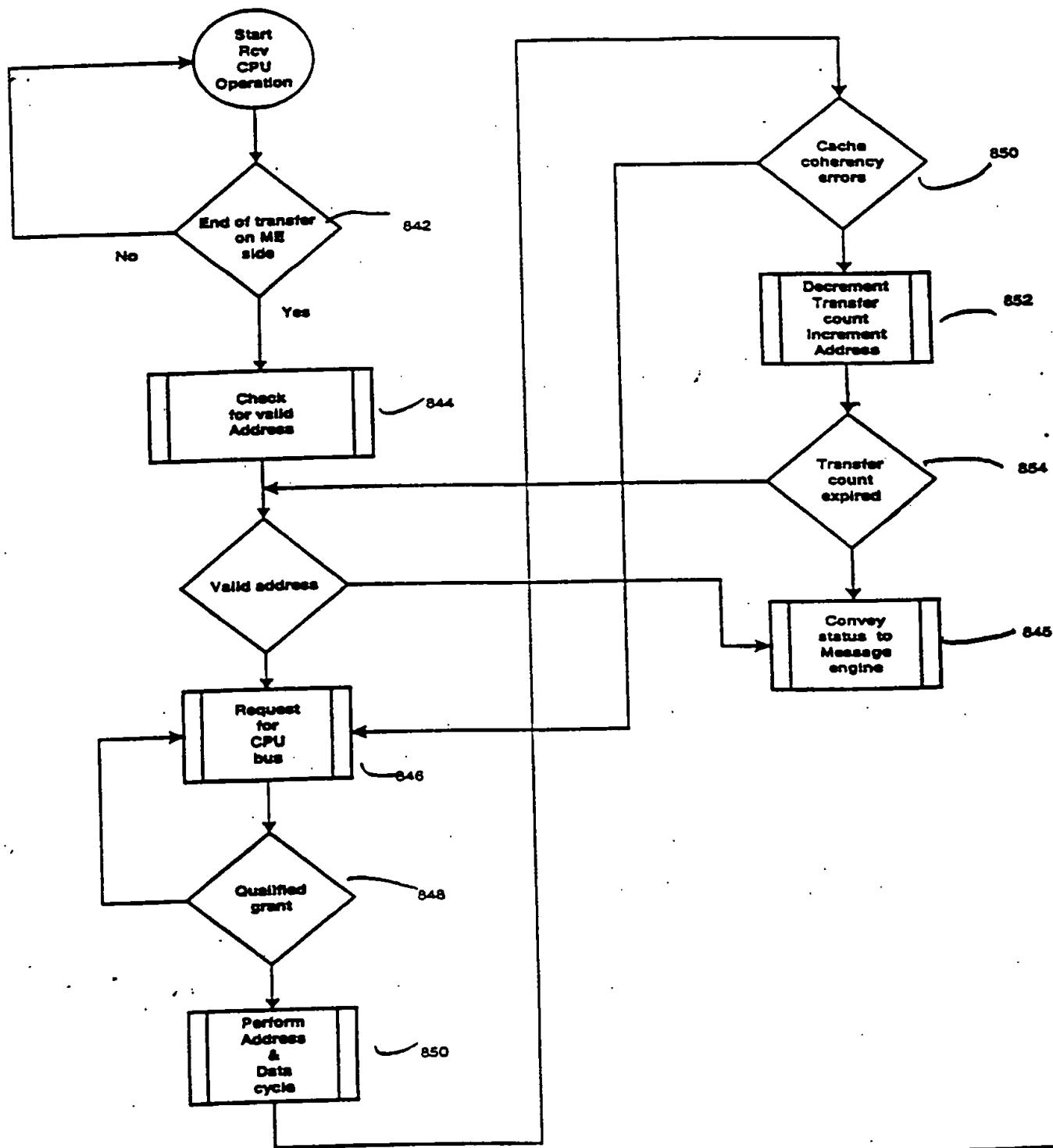
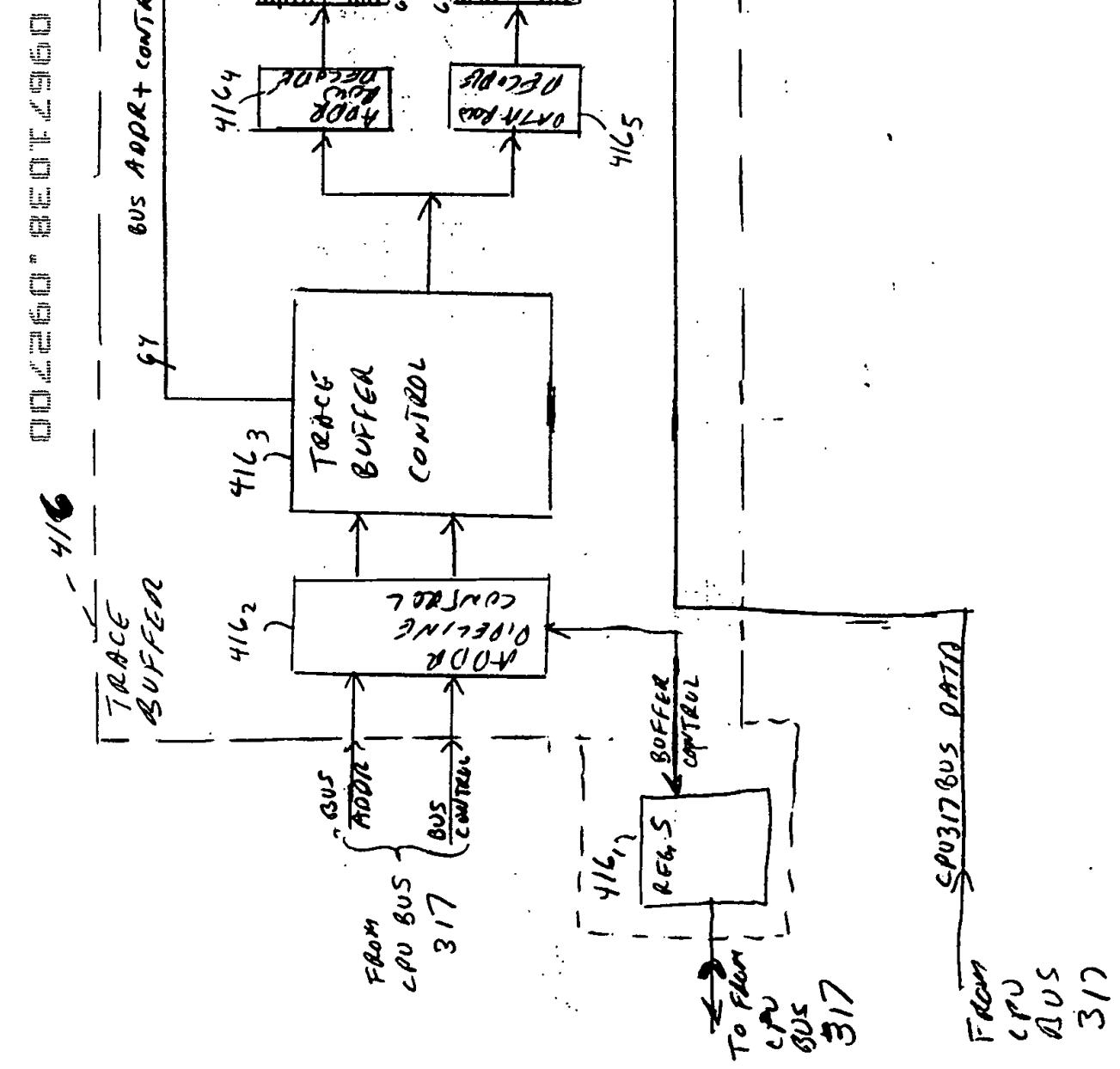
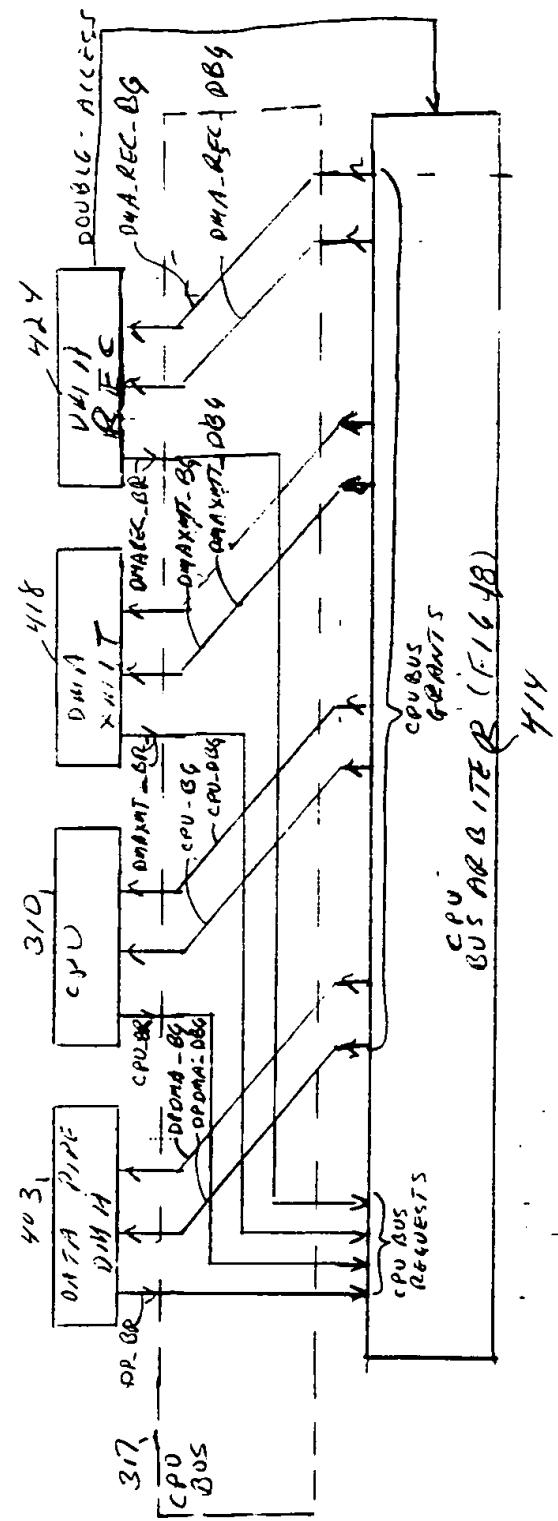


Fig 16

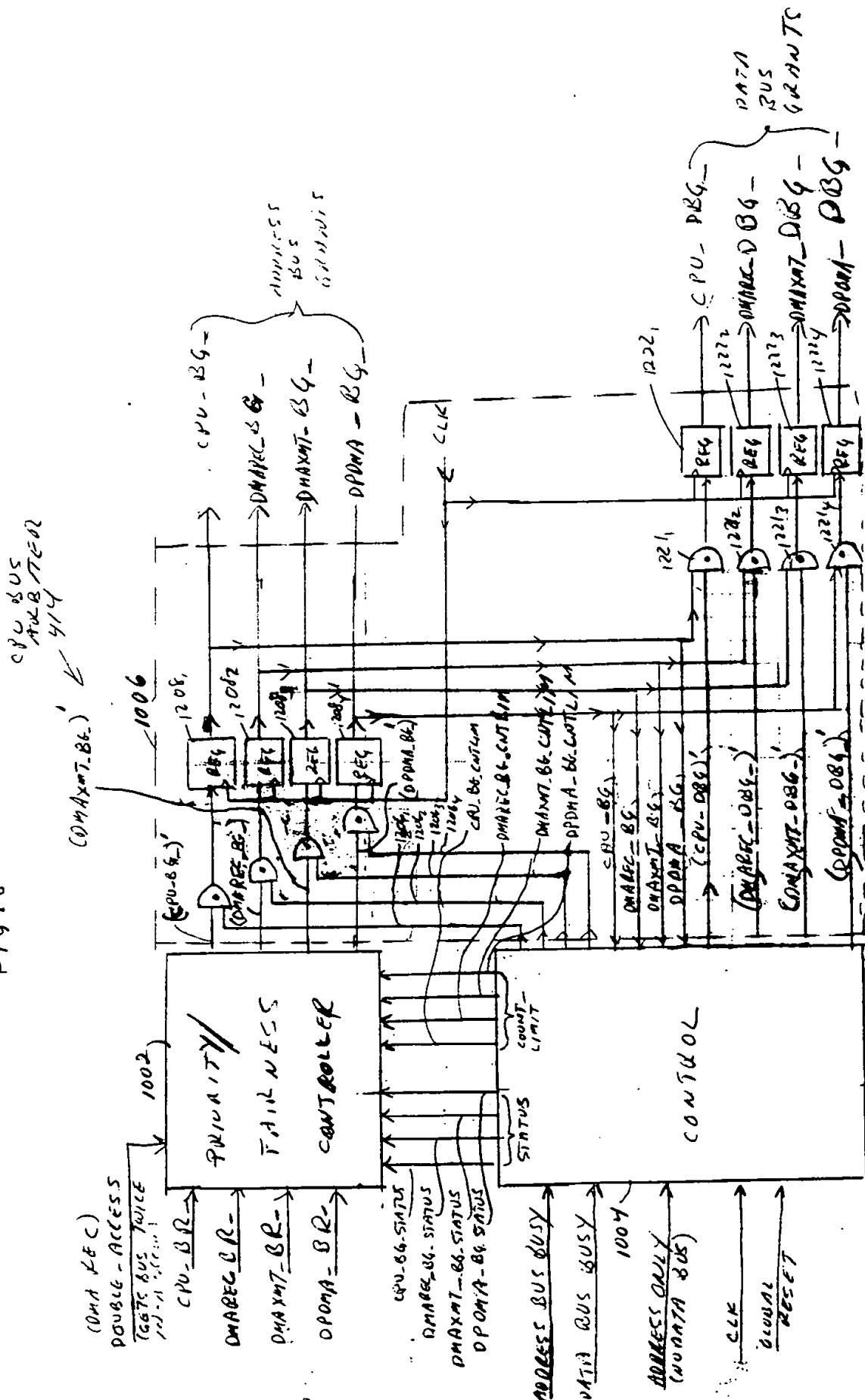


00222010

F/6.17



E1618



0015710288 09922700

